

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method comprising:

establishing at least one service information table configured to enable an end user terminal to obtain transport streams transmitted over a digital broadcast network;

splitting the at least one service information table into sub-tables, wherein each sub-table identifies a certain transport stream, and wherein said certain transport stream comprises a local transport stream of a certain cell; and

establishing a mother table configured to maintain a sub-table of the certain transport stream and sub-tables of adjacent transport streams of the certain transport stream, wherein said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

2. (Original) A method according to claim 1, wherein the sub-table comprises a for loop of the at least one service information table.

3. (Original) A method according to claim 2, wherein the for loop comprises a section of the at least one service information table.

4. (Original) A method according to claim 2, wherein the for loop comprises a cycle of for loops of the at least one service information table.

5. (Original) A method according to claim 2, wherein the for loop comprises a transport stream identifier for uniquely identifying the certain transport stream of the sub-table.

6. (Original) A method according to claim 1, wherein at least one headend equipment for a cell of the digital broadcast network performs the step of splitting.

7. (Original) A method according to claim 6, wherein an operator runs the at least one headend.

8. (Original) A method according to claim 1, wherein at least one the service information table comprises a Bouquet Association Table.

9. (Original) A method according to claim 1, further comprising building a local table based on the sub-table of the certain transport stream.

10. (Original) A method according to claim 1, wherein the mother table identifies an amount of the sub-tables.

11. (Original) A method according to claim 1, wherein the mother table identifies an updating of the sub-table.

12. (Original) A method according to claim 1, further comprising the step of updating the adjacent transport streams periodically about the sub-table.

13. (Original) A method according to claim 1, further comprising the step of re-transmitting the sub-table to the adjacent transport streams.

14. (Original) A method according to claim 13, wherein the step of re-transmitting comprises individual re-transmitting.

15. (Original) A method according to claim 13, wherein the step of re-transmitting comprises periodic re-transmitting.

16. (Original) A method according to claim 13, wherein the sub-table is adapted to be retransmitted without any further modification of the sub-table.

17. (Original) A method according to claim 1, further comprising the step of performing a handover function for the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.

18. (Original) A method according to claim 1, further comprising the step of performing a roaming function for the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.

19. (Original) A method according to claim 1, wherein the certain transport stream comprises a local transport stream of a cell of the digital broadcast network.

20. (Original) A method according to claim 1, wherein the transport streams comprise MPEG transport streams.

21. (Original) A method according to claim 1, wherein the transport stream comprises transmission according to Digital Video Broadcasting.

22. (Original) A method according to claim 1, wherein the transport stream comprises a terrestrial digital video broadcasting (DVB-T).

23. (Original) A method according to claim 1, wherein the transport stream comprises multicast.

24. (Original) A method according to claim 1, wherein the transport stream comprises unicast.

25. (Previously Presented) A method comprising: establishing service information configured to enable at least one end user terminal to obtain a sub-table of the service information within broadcast transport streams, wherein the service information is adapted to be split into sub-tables; and based on the sub-table, establishing a local table configured to announce at least one local transport stream of a certain cell containing the service, wherein the local table is adapted to be delivered to the at least one end user terminal and the local table is adapted to identify the at least one local transport stream for an announcement to adjacent transport streams, wherein said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

26. (Previously Presented) A method comprising: establishing service information tables, the service information tables configured to enable a end user terminal to obtain transport streams; splitting a certain service information table into sub-tables, wherein each sub-table identifies coincident local transport stream of a certain cell, and the coincident local transport stream contains identification of adjacent transport streams of the coincident local transport stream, wherein said adjacent transport streams comprise transport streams of at least

one neighboring cell of said certain cell; and distributing the sub-tables to an adjacent service provider of the coincident local transport stream.

27. (Previously Presented) A method comprising: establishing service information configured to guide a end user terminal to discover transport streams; splitting the service information into sub-tables, wherein each sub-table identifies the transport stream of a certain cell and wherein the transport stream comprises a local transport stream of the certain cell, and the transport stream of the cell contains identification of transport streams of neighbouring cells of the transport stream of said certain cell.

28. (Previously Presented) A method comprising:

receiving a broadcast transmission; and

discovering a mother table from the broadcast transmission, the mother table announcing a set of sub-tables, each sub-table identifying a local transport stream of a certain cell, wherein the transport streams indicated in the mother table comprise adjacent transport streams to each other so that said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

29. (Previously Presented) An apparatus comprising: means for receiving a broadcast transmission and means for discovering a mother table from the broadcast transmission, the mother table announcing a set of sub-tables each sub-table identifying a local transport stream of a certain cell, wherein the transport streams indicated in the mother table comprise adjacent transport streams to each other so that said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

30. (Previously Presented) The apparatus according to claim 29, further comprising means for interaction with a service provider providing the transport stream.

31. (Previously Presented) The apparatus according to claim 29, wherein the receiver comprises a wireless receiver for receiving the transport stream.

32. (Previously Presented) The apparatus according to claim 29, wherein the end user terminal comprises a broadcast cellular mobile end user terminal.

33-39. (Cancelled)

40. (Previously Presented) An apparatus comprising: at least one headend configured to establish at least one service information table for enabling a end user terminal to obtain the transport streams, the at least one headend further configured to split the at least one service information table into sub-tables and for establishing a mother table, wherein each sub-table identifies a transport stream of a certain headend, and wherein said transport stream comprises a local transport stream of a certain cell, and wherein the mother table identifies the transport stream of the certain headend and transport streams of adjacent headends to the certain headend, wherein the transport streams of the adjacent headends comprise transport streams of neighboring cells of said certain cell.

41. (Currently Amended) A computer-readable medium having computer-executable instructions that, when executed, cause a computer to perform a method comprising:

establishing at least one service information table configured to enable an end user terminal to obtain transport streams configured to be transmitted by a digital broadcast network;

splitting the at least one service information table into sub-tables, wherein each sub-table identifies a certain transport stream, and wherein said certain transport stream comprises a local transport stream of a certain cell; and

establishing a mother table configured to maintain a sub-table of the certain transport stream and sub-tables of adjacent transport streams of the certain transport stream, wherein said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

42. (New) The computer-readable medium of claim 41, wherein the computer-executable instructions, when executed, cause the computer to build a local table based on the sub-table of the certain transport stream.

43. (New) The computer-readable medium of claim 41, wherein the computer-executable instructions, when executed, cause the computer to perform a handover function for

the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.

44. (New) The computer-readable medium of claim 41, wherein the computer-executable instructions, when executed, cause the computer to perform a roaming function for the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.